AMENDMENTS TO THE CLAIMS:

Without prejudice, this listing of the claims replaces all prior versions and listings of the claims in the present application:

LISTING OF CLAIMS:

1-8 (canceled).

9. (Currently Amended) A device for impact sensing, comprising:

at least one pressure sensor to provide a signal; and

a processor connectable to the at least one pressure sensor so that the processor performs the impact sensing as a function of the signal,

wherein the signal is preprocessed so that the signal is normalized to a predefined pressure, the at least one pressure sensor is configured to measure an adiabatic pressure increase, and the device for impact sensing further includes:

a control unit; and

a unidirectional line arranged between the at least one pressure sensor and the control unit, wherein the control unit is configured to put a direct current on the unidirectional line in order to supply the at least one pressure sensor with power, and the at least one pressure sensor is configured to impress the signal as a current fluctuation.

10. (Previously Presented) The device of claim 9, wherein the signal is normalized to an ambient pressure.

11. (Previously Presented) The device of claim 9, further comprising:

an additional sensor to detect the ambient pressure.

12. (Previously Presented) The device of claim 11, wherein the at least one pressure sensor is arranged in a largely enclosed part, and the additional sensor is arranged outside of the largely enclosed part.

13. (Previously Presented) The device of claim 9, further comprising:

a memory to supply the ambient pressure.

14. (Previously Presented) The device of claim 9, wherein the at least one pressure sensor includes a sensor element configured to emit the normalized signal.

15. (Previously Presented) The device of claim 9, wherein the at least one pressure sensor is configured to normalize the signal.

16. (Previously Presented) The device of claim 9, wherein the processor is configured to normalize the signal.